



# City Council Report

**Date:** April 6, 2015  
**To:** City Council  
**Through:** Alex Deshuk, Manager of Technology and Innovation  
**From:** Edward Quedens, MPA, C.P.M., CPPO, Business Services Director  
Matt Bauer, MBA, CPPO, CPPB, CPSM, Procurement Administrator  
**Subject:** Purchase to Refurbish and Upgrade a Bomb Robot for the Police Department  
**(Sole Source) [\$63,000.00 (89%) funded by Homeland Security Grant Funds, and \$7,537.30 (11%) funded by Racketeer Influenced and Corrupt Organization Act (RICO) Funds]] (Citywide)**

## Purpose and Recommendation

Council is requested to approve a contract to refurbish and upgrade one Andros F6A bomb robot as recommended.

The Police Department and Purchasing recommend awarding the contract to the sole source vendor, REMOTEC (subsidiary of Northrop Grumman) at \$70,537.30.

## Background / Discussion

In 2003, the Police Department purchased two Andros F6A robots using Homeland Security Grant funds.

The bomb robots eliminate the need for Police personnel to be in close proximity of dangerous or deadly situations. The robots allow bomb technicians to work remotely and are used during SWAT calls to open doors, break windows, deploy explosive breaching charges, suspicious packages and improvised explosive device calls. In addition, Mesa's Bomb Team is responsible for assisting other East Valley agencies extending through Eastern Arizona and the New Mexico border when called upon to handle suspicious packages and improvised explosive devices.

The robots have been in service for eleven years with routine scheduled maintenance. The robot needs to be upgraded primarily because it has been failing frequently. The robot has sustained elbow, wrist and shoulder joint failures due to extended wear over a long period of time. A complete overhaul will bring the robot to the same specifications of a new robot manufactured by REMOTEC. The upgrades will include real-time, on-screen position graphics, improved software, and position presets giving the operator the robot's orientation.

REMOTEC provided a quote that includes parts, labor, shipping, and a one-year warranty at \$70,537.30. The price for a brand new robot Andros F6B is approximately \$150,000.00 or more depending on hardware.

REMOTEC, a subsidiary of Northrop Grumman, is the sole manufacturer and distributor for the ANDROS line of hazardous duty robots including all related upgrades. REMOTEC does not have any product dealers or resellers in the United States.

### **Alternatives**

Council may choose not to authorize the purchase and a solicitation for a new robot will be conducted.

### **Fiscal Impact**

The total amount of \$70,537.30 is funded: \$63,000.00 (89%) from Homeland Security Grant Funding, and \$7,357.30 (11%) from Racketeer Influenced and Corrupt Organization (RICO) Funding.

### **Coordinated With**

Police Department and Purchasing

### **PURCHASING INFORMATION**

Action: Award

Procurement Type: Sole Source

Solicitation Number: 2015223

Local Consideration: Policy did not apply to this procurement method

Protests Received: None

**AWARD RECOMMENDATION**  
***REMOTEC (subsidiary of Northrop Grumman)***  
**Clinton, TN**

Description	
Upgrade 2455 F6A Robot to F6A+ style to include Chassis, Arm and Camera upgrades, plus Accessories, including a one-year warranty per Quote #Q-10423 dated 1/12/2015	
Parts - Chassis, Arm and Camera Upgrades (taxable)	\$50,916.00
5.6% Use Tax	<u>\$2,851.30</u>
Sub Total	\$53,767.30
Labor and Warranty (non-taxable)	\$15,170.00
Shipping (to and from REMOTEC)	<u>\$1,600.00</u>
<b>Total</b>	<b><u>\$70,537.30</u></b>